Eng.

ARMY ORDNANCE

The Bimonthly Journal of the Army Ordnance Association—Dedicated to Victory through Armament Research, Production, and Logistics

Founded 1920

VOLUME XXII

No. 127 (July-August 1941) to No. 132 (May-June 1942) Inclusive

THE ARMY ORDNANCE ASSOCIATION
Mills Building, Pennsylvania Avenue at 17th Street, N. W.
Washington, D. C.

ARMY ORDNANCE

Index to Volume XXII

No. 127 (July-August 1941) to No. 132 (May-June 1942) Inclusive

SUBJECT INDEX

Active Duty, Deferment from (Ordnance Reserve) 77
Advanced-Training Airplane, Cessna AT-8 (Pictorial) . 380
Advisory Board, Ferrous Metallurgical 43
Advisory Board, Nonferrous Metallurgical 44
Advisory Committee, S.A.E. Ordnance 45
Advisory Committees, Ordnance Engineering 36
Advisory Committees, Ordnance Research 43
Advisory Committees, Ordnance Research and (Armament Engineering) 33
Age Standards, New (Ordnance Personnel) 408
Air-Borne Battalion, Infantry (Professional Digest) 411
Aircraft Production, 1940-1941 (New Wings for the Army) 373
Aircraft, Production of (Editorial) 67
Aircraft, Ships, and Ordnance (Armament Production) 540
Air Forces, Army (Army Reorganization) 939
Air Forces, Headquarters of the Army (Professional Digest) 240
Air-Infantry (Pictorial) 208
Airplanes (New Wings for the Army) 373
Airplane, Bombardment (Air Power and Coast Defense) 217
Air Power and Coast Defense 217
Air Power, Modern (From the Record) 775
Alden, Col. Herbert W. (Army Ordnance Medalists, 1941) 30, 403
American Car and Foundry Company (Industry at Arms) 55
American Locomotive Company (Industry at Arms) ... 55
Ammunition at the Front 198
Ammunition, Caliber .30M2 Ball (Small-Arms Ammunition) 369
Ammunition, Fuzes for 37-mm. and 75-mm. (Artillery Fuzes) 961
Ammunition Matériel, Ordnance Committees on 38
Ammunition Production (Graphic Production Control) 547
Ammunition, Small-Arms 369
Ammunition Supply in the Division (Ammunition at the Front) 199
Anniversary of Watertown Arsenal, 125th (Editorial) . 401
Annual Meeting, Twenty-Second (Association Affairs) . 403
Antiaircraft Artillery (Ordnance) 537
Antiaircraft Cannon, The 40-mm. 386
Antiaircraft Fire-Control Box (Pictorial) 752
Antiaircraft Gun Carriages 542
Antitank Artillery (Ordnance) 537
Antitank Battalions, Provisional (Ordnance Personnel) 239
Antitank Guns, 37-mm. and 75-mm. (Pictorial) ... 207, 750
Antitank Unit (Pictorial) 749
Appropriations for Ordnance, 1923-1938 (Ordnance on the March) 195
Appropriations, Ordnance (Editorial) 762
Armament, American Military (Ordnance in My Time) 927
Armament Engineering 33
Armament Funds (Armament Progress) 61
Armament Literature 243
Armament Manufacture, Visual Guides in (Graphic Production Control) 547
Armament, Our National Effort for Military (The Battle of Production) 25
Armament Production 540
Armament Program, Second Phase (Planned Munitions, II) 65
Armament Progress 61, 221, 389
Armament Reference 413, 588, 979
Armament Research (Editorial) 972
Armament Supply and Maintenance (Tactical Organization of the Army) ..... *Chart facing* 32
Armed Forces, Expansion of Our (Editorial) 231
Armor-Piercing Bullets, Caliber .30M2 (Small-Arms Ammunition) 369
Armor, Use of Cast (Supertanks) 736
Armored Car, M1, 1931 (The Modern Scout Car) 60
Armored Car, 1915, The Army's First (The Modern Scout Car) 59
Armored Division (Pictorial) 206
Armored Division, 5th (Professional Digest) 410
Armored Division, Fighting Equipment of an 229
Armored Divisions Reorganized (Professional Digest) . 774
Armored English (Ordnance Reserve) 79
Armored Scout Car, M1, The First Fully (The Modern Scout Car) 59
Armory, An Industrial (Ordnance in Review) 74
"Arms for the Love of America" (Editorial) 68
Arms, Industry at (Pictorial and Descriptive) 49
Arms Production (Ordnance on the March) 193
Arms Production, Key to (Part I) 945
Arms, The Right to Bear (Editorial) 400
Army Air Forces (Army Reorganization) 939
Army Air Forces, Headquarters of the (Professional Digest) 240
Army Corps, An (Ordnance in the New Army) 32
Army Divisions, Fighting Equipment of 229
Army, Field (Ordnance in the New Army) 32
Army Ground Forces (Army Reorganization) 939
Army Industrial College (Editorial) 763
Army Maneuvers (Pictorial and Descriptive) 561
Army Motor Transport 731
Army, New Wings for the 373
Army, 1939-1941, Strength of the (Ordnance on the March) 194
Army, 1940 Regular (Editorial) 230

Army Ordnance Arsenal Day, June 10, 1941 (Editorial) 68
Army Ordnance Depots, New (Professional Digest) 585
Army, Ordnance in the New 32
Army Ordnance Medalists, 1941 30
Army Ordnance Song (Editorial) 68
Army Reorganization 939
Army, Strength of (Editorial) 231
Army, Tactical Organization of the (Chart) *Facing* 32
Army, The German (From the Record) 81
Army Transport Vehicles (Pictorial) 732
Arsenal, Chrysler Tank (Industry at Arms) 49
Arsenal Craftsmen 366
Arsenal Day, June 10, 1941, Army Ordnance (Editorial) 68
Arsenal, Detroit Tank 545
Arsenal, Frankford (Small-Arms Ammunition) 369
Arsenal, 125th Anniversary of Watertown (Editorial) 401
Arsenal, Picatinny (These Also Bring Victory) 951
Arsenal, Rock Island (Arsenal Craftsmen) 366
Arsenal, Watertown (World Leader in Gun Making) 359
Artillery (Ordnance) 537
Artillery and Automotive Matériel, Ordnance Committees on 36
Artillery, Antiaircraft (Ordnance) 537
Artillery, Antitank (Ordnance) 537
Artillery Fuzes 961
Artillery, Railway 46
Association Affairs 70, 233, 403, 577, 765, 973
Association Directors, New (Association Affairs) 973
Association Membership (Association Affairs) 766
Association Progress, 1941 (Association Affairs) 765
Attack Bomber, Douglas A-20 (Pictorial) 376
Autofrettage (World Leader in Gun Making) 359
"Automatic Arms—Their History, Development and Use" (Editorial) 575
Automotive Matériel, Ordnance Committees on Artillery and 36
Auto-Ordnance Rifle (A New Light Rifle) 226
Awards, Scholarship (Association Affairs) 233
Baldwin Locomotive Works (Industry at Arms) 54
Ball Ammunition, Caliber .30M2 (Small-Arms Ammunition) 369
Ballistic Research Committee 45
Barnes Machine Cannon, 1856 (Ordnance in Review) 977
Bartlett-Hayward Division, Koppers Company (Industry at Arms) 56
Baruch, Bernard, on Price Stabilization 587
Battalion, Infantry Air-Borne (Professional Digest) 411
Battalion, Ordnance Maintenance (Professional Digest) 411
Battalions, Provisional Antitank (Ordnance Personnel) 239
Battle of Production, The 25
Beechcraft F-2 Photographic Airplane (Pictorial) 380
Bell P-39 Airplane (Pictorial) 358, 373
Berlin, Irving (Editorial) 68
Biggers, John D. (Editorial) 67
Biggers, John D., Address of (Philadelphia Post) 71
Billinghurst and Requa Gun (Ordnance in Review) 235
Blackouts 756
Board, Ferrous Metallurgical Advisory 43
Board, Nonferrous Metallurgical Advisory 44
Board, Supply, Priorities, and Allocations (Editorial) 574
Boeing B-17 Heavy Bomber (Pictorial) 378
Bofors 40-mm. Automatic Antiaircraft Cannon 386
Bofors Mount, 40-mm. (Antiaircraft Gun Carriages) 542
Bomb Making (Pictorial) 926
Bombardment Airplane (Air Power and Coast Defense) 217
Bombardment Airplane, Boeing B-17, Heavy (Pictorial) 378
Bombardment Airplane, Consolidated B-24, Heavy (Pictorial) 378
Bombardment Airplane, Douglas A-20 Attack (Pictorial) 376
Bombardment Airplane, Douglas A-24 Dive (Pictorial) 379
Bombardment Airplane, Douglas B-19 Heavy (Pictorial) 379
Bombardment Airplane, Martin B-26 Medium (Pictorial) 377
Bombardment Airplane, North American B-25 Medium (Pictorial) 376
Bomber, The Dive (Pictorial and Descriptive) 197
Bombproof Shelters (Professional Digest) 242
Bombs (Pictorial and Descriptive) 953
Book Reviews 82, 243, 417, 591, 783, 985
Boston Post (Association Affairs) 975
Broberg, Lieut. Col. W. S., Address of (Hartford-Springfield Post) 577
Bullets, Caliber .50M1 Tracer (Small-Arms Ammunition) 370
Bullets, Caliber .30M2 Armor-Piercing (Small-Arms Ammunition) 369
Bullets, Recording Velocities of (Professional Digest) 242
Burns, Maj. Gen. James H. (Editorial) 970
Burns, Maj. Gen. James H. (Pictorial) 965
Bush, Dr. Vannevar (Armament Research) 972
Caliber .50M1 Tracer Bullet (Small-Arms Ammunition) 370
Caliber .30 Cartridge Case (Small-Arms Ammunition) 371
Caliber .30 Light Rifles (Pictorial) 226
Caliber .30M2 Armor-Piercing Bullets (Small-Arms Ammunition) 369
Caliber .30M2 Ball Ammunition (Small-Arms Ammunition) 369
California, University of (Scholarship Awards) 233
Camouflage, Modern (Protective Concealment) 759
Campbell, Col. Jeremiah (Necrology) 404
Candle, Irritant Smoke (Chemical Defense) 741
Cannon, The Barnes Machine, 1856 (Ordnance in Review) 977
Cannon, The 40-mm. Antiaircraft 386
Cannon, The Terrel Machine, 1856 (Ordnance in Review) 976
Car, M1, The First Fully Armored Scout (The Modern Scout Car) 59
Car, 1915, The Army's First Armored (The Modern Scout Car) 59
Car, ¼-ton Command-Reconnaissance (Pictorial) 562
Car, Scout, M3A1 (Lubrication) 394
Car, The Modern Scout 57
Carbine, A Semiautomatic (A New Light Rifle) 225
Carbine, The New Semiautomatic 570
Carriages, Antiaircraft Gun 542
Carrier, Half-Track, M4, 81-mm. Mortar (Lubrication) 395
Cartridge Case, Caliber .30 (Small-Arms Ammunition) 371
Cartridge Cloth, Cotton (Professional Digest) 411
Case, Caliber .30 Cartridge (Small-Arms Ammunition) 371
Cast Armor, Use of (Supertanks) 736
Cast Steel Tank Program (Ordnance) 539
Casting, Centrifugal (World Leader in Gun Making) 359
Centrifugal Casting (World Leader in Gun Making) 359
Cessna AT-8 Advanced-Training Airplane (Pictorial) 380
Chemical Defense 740
Chemical Hand Grenades (Chemical Defense) 742

Chemical Land Mine (Chemical Defense) 741
Chemical Mortar, 4.2-inch (Chemical Defense) 740
Chemical Warfare Service (Chemical Defense) 744
Chemical Warfare Service (Professional Digest) 241
Chemicals, Protection against War (Chart) ..... *Facing* 744
Chemistry in Warfare 738
Chiefs of Ordnance, U. S. Army 971
Chrysler Tank Arsenal (Industry at Arms) 49
Chrysler Tank Arsenal, The 545
Cincinnati Post (Address of John D. Biggers) 25
Cincinnati Post (Association Affairs) 70, 974
Cincinnati, University of (Scholarship Awards) 233
Civilian Personnel Training (Arsenal Craftsmen) 366
Cleveland Ordnance District (Key to Arms Production, Part I) 945
Cloth, Cotton Cartridge (Professional Digest) 411
Coast Defense, Air Power and 217
Codd, Lieut. Col. L. A., Address of (University of Michigan Post) 974
"Coffee Grinder Gun," The (Ordnance in Review) 235, 405
Coil Disjunctor (Professional Digest) 242
College, Army Industrial (Editorial) 763
Collins, Col. Everett (Necrology) 404
Colt Percussion Revolvers (Professional Digest) 772
Combat Helmet, The New 931
Combat Teams (The Fighting Unit) 754
Combat Teams, Industrial (From the Record) 587
Command-Reconnaissance Car, ¼-ton (Pictorial) 207, 562
Commissions, Reinstatement of Reserve (Ordnance Personnel) 408
Committee, Ballistic Research 45
Committee, National Defense Research (Chemistry in Warfare) 739
Committee on Corrosion 45
Committee on Paints, Varnishes, and Related Products 45
Committee on Petroleum Products and Lubricants 45
Committee, S.A.E. Ordnance Advisory 45
Committees, Changes in Ordnance (Association Affairs) 234
Committees on Ammunition Matériel, Ordnance 38
Committees on Artillery and Automotive Matériel, Ordnance 36
Committees on Small-Arms Matériel, Ordnance 42
Committees, Ordnance Engineering Advisory 36
Committees, Ordnance Research Advisory 43
Committees, Ordnance Research and Advisory (Armament Engineering) 33
Concealment, Protective 759
Conservation, Rubber (Professional Digest) 774
Conserving Vital Materials (Professional Digest) 412
Consolidated B-24 Heavy Bomber (Pictorial) 378
Contest, Annual Prize Essay (Association Affairs) 233
Contract Distribution Division, War Department (Editorial) 400
Contracts, Ordnance Production (Armament Progress) 61
Contracts, Supply (Editorial) 762
Control, Graphic Production 547
Coördinators, New York Ordnance (Association Affairs) 973
Cornell University (Scholarship Awards) 233
Corps, Army (Ordnance in the New Army) 32
Corps Ordnance Service, Organization of the (Ordnance in the Field) 969
Corregidor (Railway Artillery) 46
Corrosion, Committee on 45
Cotton cartridge cloth (Professional Digest) 411
Courses, Officer Candidate (Officer Training) 935
Craftsmen, Arsenal 366
Crozier Gold Medal (Twenty-Second Annual Meeting) 403
Crozier Medal, The (Army Ordnance Medalists, 1941) 30
Curtiss P-40 Pursuit Airplane (Pictorial) 373, 374
Decentralization, War Department (Planned Munitions, II) 65
Decentralized Operation, The Ordnance System of (Organization for Production, II) 362
Defense, Air Power and Coast 217
Defense, Chemical 740
Defense Inventions (Professional Digest) 582
Defense Library 787, 982
Defense Production (Editorial) 67
Defense Production Analysis (Editorial) 575
Defense Program Expenditures (Editorial) 574
Defense, Seacoast (Railway Artillery) 46
Defense Strikes (Editorial) 69
Defense, The Motor Industry and 557
Deferment from Active Duty (Ordnance Reserve) 77
Demolition Bombs (Pictorial and Descriptive) 953
Depots, New Army Ordnance (Professional Digest) 585
Desert Campaign, Army Ordnance Tanks in the (Ordnance Field Service) 777
Designations, New Military (Ordnance Personnel) 239
Destroyer, Tank (Half-Tracks for Mobility) 214
Detroit Tank Arsenal, The 545
Development and Maintenance (Army Motor Transport) 731
Development and Production of Weapons (Ordnance) 537
Development and Research (Chemistry in Warfare) 738
Dillard, Col. James Brownrigg (Necrology) 578
Dimick, Stephen W. (Necrology) 404
Directors' Meeting, 1941 (Association Affairs) 765
Directors, New Association (Association Affairs) 973
Disjunctor, Coil (Professional Digest) 242
Display Room, Rochester District Ordnance (Ordnance Districts) 781
Distribution Division, Contract (Editorial) 400
District, Cleveland Ordnance (Key to Arms Production, Part I) 945
District Gage Laboratory, Rochester Ordnance (Ordnance Districts) 779
District, New York Ordnance (Key to Arms Production, Part I) 947
District Ordnance Display Room, Rochester (Ordnance Districts) 781
District, Philadelphia Ordnance (Key to Arms Production, Part I) 949
District, Rochester Ordnance (Key to Arms Production, Part I) 950
Districts at Work, Ordnance Procurement (Key to Arms Production, Part I) 945
Districts, Ordnance 779
Dive Bomber, Douglas A-24 (Pictorial) 379
Dive Bomber, The (Pictorial and Descriptive) 197
Division, Ammunition Supply in the (Ammunition at the Front) 199
Division, Armored (Pictorial) 206
Division, 5th Armored (Professional Digest) 410
Division, Fighting Equipment of an Armored 229
Division Ordnance Officer, Principal Duties of (Ammunition at the Front) 199
Division, Reorganized Armored (Professional Digest) 774

Division, The Army (Ordnance in the New Army) ... 32
Divisions, Fighting Equipment of Square and Triangular ... 229
Divisions, Organization of Our New (The Fighting Unit) ... 753
Douglas A-20 Attack Bomber (Pictorial) ... 376
Douglas A-24 Dive Bomber (Pictorial) ... 379
Douglas B-19 Heavy Bomber (Pictorial) ... 379
Dow, Alex (Necrology) ... 975
Editorials ... 67, 230, 400, 574, 762, 970
Armament Research ... 972
Army Industrial College ... 763
Army Ordnance Song ... 68
"Automatic Arms—Their History, Development and Use" ... 575
Burns, Maj. Gen. James H. ... 970
Contract Distribution Division, War Department ... 400
Defense Production ... 67
Defense Production Analysis ... 575
Defense Strikes ... 69
Expansion of Our Armed Forces ... 230
Expenditures, Defense Program ... 574
For Victory ... 576
Knudsen, William S. ... 67
MacArthur ... 764
Morale ... 402
New Heavy Tank, The ... 574
125th Anniversary of Watertown Arsenal ... 401
Ordnance Appropriations ... 762
Ordnance Sergeant, The ... 763
Report of Gen. George C. Marshall, 1941, Biennial ... 230
Right to Bear Arms, The ... 400
Strength of the Army ... 231
Subcontracting ... 401
Supply, Priorities, and Allocations Board, The ... 574
Wesson, Maj. Gen. C. M. ... 970
Educational Orders (Industrial Mobilization) ... 730
81-mm. Half-Track Mortar Carrier, M4 (Lubrication) ... 395
81-mm. Mortar (Chemical Defense) ... 744
Endowment Brochure, Ordnance ... *Facing* 404
Endowment Honor Roll, Ordnance ... *Facing* 972
Endowment, The Ordnance (Association Affairs) ... 404, 578
Engineering Advisory Committees, Ordnance ... 36
Engineering and Research, Ordnance (Ordnance Committees) ... 36
Engineering, Armament ... 33
English, Armored (Ordnance Reserve) ... 79
Enlisted Reserve Corps (Ordnance Reserve) ... 78
Equipment of Army Divisions, Fighting ... 229
Essay Contest, Annual Prize (Association Affairs) ... 233
Establishments, Ordnance (Chart) ... *Facing* 364
Establishments, Ordnance (Organization for Production, II) ... 362
Expansion of Our Armed Forces (Editorial) ... 231
Expenditures, Defense Program (Editorial) ... 574
Farmer, F. Malcolm (New York Ordnance Coördinators) ... 973
Ferrous Metallurgical Advisory Board ... 43
Ferry, Tank (Pictorial and Descriptive) ... 206
Field Army (Ordnance in the New Army) ... 32
Field, Ordnance in the ... 966
Field Service Maintenance (Ordnance Training) ... 565
Field Service, Ordnance ... 580
Field, Supply to Troops in the (Ammunition at the Front) ... 198
Field Units for Ordnance Maintenance and Supply ... 32
Field Weapons, New (Pictorial and Descriptive) ... 745
5th Armored Division (Professional Digest) ... 410
Fighting Unit, The ... 753
Fire-Control Box, Antiaircraft (Pictorial) ... 752
Flame Thrower, Portable (Chemical Defense) ... 744
"Flying Gun and Bayonet Battery," The (Ordnance in Review) ... 978
For Victory (Editorial) ... 576
Forces, Army Air (Army Reorganization) ... 939
Forces, Army Ground (Army Reorganization) ... 939
40-mm. Antiaircraft Cannon, The ... 386
40-mm. Bofors Automatic Antiaircraft Cannon ... 386
40-mm. Bofors Mount (Antiaircraft Gun Carriages) ... 542
4.5-inch Gun (New Field Weapons) ... 745
4.2-inch Chemical Mortar (Chemical Defense) ... 740
IV Army Corps (Ordnance in the Field) ... 966
Frankford Arsenal (Small-Arms Ammunition) ... 369
From the Record ... 80, 587, 775
Funds, Armament (Armament Progress) ... 61
Fuzes, Artillery ... 961
Gage Expenditures, 1925-1941, Ordnance (Gages for Guns) ... 204
Gage Laboratory, Rochester Ordnance District (Ordnance Districts) ... 779
Gage Plant, Greenfield Tap and Die Corporation (Pictorial) ... 209
Gages for Guns ... 203
Gages, Weapons Depend on (Pictorial and Descriptive) 205
Garand, John C. (Army Ordnance Medalists, 1941) ... 30
Garand, John C. (The Rice Gold Medal) ... 577
Garrisons, Overseas (From the Record) ... 587
Gas, Mustard (Chemical Defense) ... 741
Gas, Sneeze (Chemical Defense) ... 741
Gatling, Dr. Richard Jordan (Ordnance in Review) ... 235
Gatling Machine Gun (Ordnance in Review) ... 406, 579
General Staff, War Department (Army Reorganization) ... 939
German Army (From the Record) ... 81
German Invasion of Norway (Air Power and Coast Defense) ... 218
Girdler, T. M. (New Association Directors) ... 973
Graphic Production Control ... 547
Greenfield Tap and Die Corporation, Gage Plant of (Pictorial) ... 209
Grenades, Chemical Hand (Chemical Defense) ... 742
Ground Forces, Army (Army Reorganization) ... 939
Gun, Billinghurst and Requa (Ordnance in Review) ... 235
Gun Carriages, Antiaircraft ... 542
Gun, 4.5-inch (New Field Weapons) ... 745
Gun Making, World Leader in ... 359
Gun, Robinson and Cottam (Ordnance in Review) ... 237
Gun, 75-mm. Antitank (Pictorial) ... 750
Gun, 37-mm. Antitank (Pictorial) ... 207, 750
Gun, Vandenburgh (Ordnance in Review) ... 236
Guns, Gages for ... 203
Half-Tracks for Mobility ... 213
Half-Tracks, Proving the (Pictorial) ... 192
Harrington & Richardson Rifle (A New Light Rifle) ... 226
Harris, Maj. Gen. C. T., Jr., (Address at Watertown Arsenal) ... 401
Harrisburg Steel Company (Industry at Arms) ... 56

Hartford-Springfield Post (Association Affairs) 577
Headquarters and Service Troop, Horse Cavalry (Professional Digest) 412
Headquarters of the Army Air Forces (Professional Digest) 240
Heavy Bomber, Boeing B-17 (Pictorial) 378
Heavy Bomber, Consolidated B-24 (Pictorial) 378
Heavy Bomber, Douglas B-19 (Pictorial) 379
Heavy Tank, Our (Pictorial) 728
Heavy Tank, The New (Editorial) 574
Helmet Liner, New (Professional Digest) 773
Helmet, M1, United States (Pictorial) 751, 932
Helmet, The New Combat 931
Helmets, Infantry (Ordnance) 537
Honor Roll, The Ordnance Endowment ..... *Facing* 972
Horse Cavalry Regiment, Reorganization of (Professional Digest) 412
Howitzer, Improved 155-mm. (New Field Weapons) 745
Howitzer, 240-mm. (Pictorial) 749
Hyde Rifle (A New Light Rifle) 226
Identification Cards, Officer (Ordnance Reserve) 78
Industrial College, Army (Editorial) 763
Industrial Armory, An (Ordnance in Review) 74
Industrial Mobilization 729
Industrial-Mobilization Planning 729
Industrial Plant Protection (Blackouts) 756
Industry and Defense, The Motor 557
Industry at Arms (Pictorial and Descriptive) 49
Industry, Machine Tool 26
Industry, Private (Armament Progress) 61
Infantry, Air- (Pictorial) 208
Infantry Air-Borne Battalion (Professional Digest) 411
Infantry Divisions, Fighting Equipment of Square and Triangular 229
Insignia, Development of the Ordnance (Professional Digest) 241
Inspection Personnel, Ordnance (These Also Bring Victory) 951
Inspectors, Ordnance (Arsenal Craftsmen) 366
Interceptor Airplane, Lockheed P-38 (Pictorial) 377
Interceptor Airplane, Republic XP-47B (Pictorial) 375
Interchangeability of Parts in Ordnance Production (Gages for Guns) 203
Invasion of Norway, German (Air Power and Coast Defense) 218
Invasion of U. S. (Air Power and Coast Defense) 217
Inventions, Defense (Professional Digest) 582
Irregular Warfare 381
Irritant Smoke Candle (Chemical Defense) 741
Jefferson Proving Ground (Professional Digest) 242
Johnson, E. F., Address of (Pittsburgh Post) 72
Judson, Col. Cyrus Field (Necrology) 234
Keller, K. T. (Industry at Arms) 53
Key to Arms Production (Part I) 945
Knudsen, William S. (Editorial) 67
Laboratory, Rochester Ordnance District Gage (Ordnance Districts) 779
Land Mine, Chemical (Chemical Defense) 741
Landscaping, Protective Planting and (Protective Concealment) 761
Laucks, S. Forry (Necrology) 975
Leader in Gun Making, World 359
Leaders, Ordnance (Officer Training) 935
Libya, American Tanks in (Ordnance Field Service) 777
Lieutenant Colonels Promoted on Merit (Ordnance Personnel) 238
Light Rifle, A New 225
Light Rifles, Caliber .30 (Pictorial) 226
Light Tanks 568
Light Tanks (Pictorial) 561
Liner, New Helmet (Professional Digest) 773
Literature, Armament 243
Livens Projector (Chemical Defense) 740
Lockheed P-38 Interceptor Airplane (Pictorial and Descriptive) 373
Lubricants, Committee on Petroleum Products and 45
Lubrication 393
Lufkin, Elgood M. (New York Ordnance Coördinators) 973
M3 Medium Tank (Industry at Arms) 49
M3 Medium Tank (Pictorial) 28, 29
M3A1, The New Scout Car, (The Modern Scout Car) 57
MacArthur (Editorial) 764
Machine Cannon, 1856, The Barnes (Ordnance in Review) 977
Machine Cannon, 1856, The Terrel (Ordnance in Review) 976
Machine Gun—A Period of Evolution, Part I (Ordnance in Review) 976
Machine Gun—Its Early Applications, Part I (Ordnance in Review) 235
Machine Gun—Its Early Applications, Part II (Ordnance in Review) 405
Machine Gun—Its Early Applications, Part III (Ordnance in Review) 579
Machine Gun—Its Early Applications, Part IV (Ordnance in Review) 767
Machine Gun, The Gatling (Ordnance in Review) 406, 579
Machine Gun, 1861, The Ripley (Ordnance in Review) 977
Machine-Tool Industry 26
Machine Tools, Production of (Editorial) 67
Machines and Methods, Mass-Production (The Motor Industry and Defense) 557
Maintenance and Development (Army Motor Transport) 731
Maintenance and Operation, Ordnance (Lubrication) 393
Maintenance and Supply (Editorial) 762
Maintenance and Supply (Ordnance in the Field) 966
Maintenance and Supply, The Field Units for Ordnance 32
Maintenance, Armament Supply and (Tactical Organization of the Army) ..... *Chart facing* 32
Maintenance Battalion, Ordnance (Professional Digest) 411
Maintenance, Field Service (Ordnance Training) 565
Maintenance, Motor-Vehicle (Army Motor Transport) 734
Maneuvers, Army (Pictorial and Descriptive) 561
Maneuvers, IV Army Corps (Ordnance in the Field) 966
Marshall, Gen. George C. (Overseas Garrisons) 587
Marshall, Gen. George C. (The German Army) 81
Marshall, Gen. George C., Biennial Report of, 1941 (Editorial) 230
Martin B-26 Medium Bomber (Pictorial) 377
Mass Production Machines and Methods (The Motor Industry and Defense) 557
Massachusetts Institute of Technology (Scholarship Awards) 233
Matériel, Ordnance Committees on Ammunition 38
Matériel, Ordnance Committees on Artillery and Automotive 36

Matériel, Ordnance Committees on Small-Arms 42
McFarland, Brig. Gen. Earl, Address of (Boston Post) . 975
Mechanization and Motorization (Weapons Depend on Gages) 205
Medal, The Brig. Gen. John H. Rice (Hartford-Springfield Post) 577
Medalists, 1941 Army Ordnance 30
Medium Bomber, Martin B-26 (Pictorial) 377
Medium Bomber, North American B-25 (Pictorial) ... 376
Medium Tank 25
Medium Tank (The Detroit Tank Arsenal) 545
Medium Tank, M3 (Pictorial) 24, 28, 29, 49, 561
Medium Tank, Our New 27
Meeting, Twenty-Second Annual (Association Affairs) 403
Membership, Association (Association Affairs) 766
Membership, 1941, Army Ordnance Association (Association Affairs) 577
Merit, Lieutenant Colonels Promoted on (Ordnance Personnel) 238
Metallurgical Advisory Board, Ferrous 43
Metallurgical Advisory Board, Nonferrous 44
Michigan, University of (Scholarship Awards) 233
Military Armament, American (Ordnance in My Time) 927
Military Designations, New (Ordnance Personnel) 239
Military Vehicles, Development and Maintenance of (Army Motor Transport) 731
Milwaukee Post (Association Affairs) 766
Mine, Chemical Land (Chemical Defense) 741
Mitrailleuse, The (Ordnance in Review) 235
Mobile Weapons, New (Pictorial and Descriptive) 749
Mobilization, Industrial 729
Modern Air Power (From the Record) 775
Modern Camouflage (Protective Concealment) 759
Modern Scout Car, The 57
Month by Month 67, 230, 400, 574, 762, 970
Morale (Editorial) 402
Moran, August H. (Necrology) 578
Morgan, Thomas A. (New Association Directors) 973
Mortar Carrier, M4, 81-mm. Half-Track (Lubrication) 395
Mortar, 81-mm. (Chemical Defense) 744
Mortar, 4.2-inch Chemical (Chemical Defense) 740
Motion Pictures Aid Quantity Manufacture (Shell Production) 572
Motor Industry and Defense, The 557
Motor Transport, Army 731
Motor-Transport Supply (Army Motor Transport) 734
Motor-Vehicle Maintenance (Army Motor Transport) . 734
Motorcycle Troops (Pictorial) 562
Motorization and Mechanization (Weapons Depend on Gages) 205
Mount, 40-mm. Bofors (Antiaircraft Gun Carriages) .. 542
Mounts, Self-Propelled Gun (Ordnance) 537
Mounts, Self-Propelled Gun (Professional Digest) 410
Munitions Program of June 30, 1940 (Planned Munitions, II) 66
Munitions, II, Planned 65
Must Sea Power Win? 746
Mustard Gas (Chemical Defense) 741
M-Year (Editorial) 232
Nathan, Robert R., Address of (Washington Post) 73
National Defense Research Committee (Chemistry in Warfare) 739
National Guardsmen Return to State Control (Ordnance Personnel) 408
Necrology (Association Affairs) 73, 234, 404, 578, 975
New Age Standards (Ordnance Personnel) 408
New Army, Ordnance in the 32
New Field Weapons (Pictorial and Descriptive) 745
New Heavy Tank, The (Editorial) 574
New Helmet (Pictorial and Descriptive) 751
New Helmet Liner (Professional Digest) 773
New Light Rifle, A 225
New Mobile Weapons (Pictorial and Descriptive) 749
New Semiautomatic Carbine, The 570
New Wings for the Army (Pictorial and Descriptive) .. 373
New York Ordnance Coördinators (Association Affairs) 973
New York Ordnance District (Key to Arms Production, Part I) 945
Nonferrous Metallurgical Advisory Board 44
North American B-25 Medium Bomber (Pictorial) 376
Norway, German Invasion of (Air Power and Coast Defense) 218
Office of Scientific Research and Development (Armament Research) 972
Officer Candidate Courses (Officer Training) 935
Officer Identification Cards (Ordnance Reserve) 78
Officer Promotions, Reserve (Ordnance Reserve) 77
Officer Training 935
Officers, Reappointment of Reserve (Ordnance Reserve) 77
Officers' Reserve Corps, Reappointments in (Ordnance Personnel) 409
Oil Specifications, Recoil (Lubrication) 398
155-mm. Howitzer, Improved (New Field Weapons) .. 745
125th Anniversary of Watertown Arsenal (Editorial) .. 401
Operation and Maintenance, Ordnance (Lubrication) .. 393
OPM Production Division (The Battle of Production) . 25
Orders, Abbreviated Special (Professional Digest) 773
Orders, Educational (Industrial Mobilization) 730
Ordnance 537
Ordnance Advisory Committee, S. A. E. 45
Ordnance, Aircraft, and Ships (Armament Production) 540
Ordnance Appropriations (Editorial) 762
Ordnance Arsenal Day, June 10, 1941, Army (Editorial) 68
Ordnance Committees, Changes in (Association Affairs) 234
Ordnance Coördinators, New York (Association Affairs) 973
Ordnance Depots, New Army (Professional Digest) ... 585
Ordnance Display Room, Rochester District (Ordnance Districts) 781
Ordnance District, Cleveland (Key to Arms Production, Part I) 945
Ordnance District Gage Laboratory, Rochester (Ordnance Districts) 779
Ordnance District, New York (Key to Arms Production, Part I) 947
Ordnance District, Philadelphia (Key to Arms Production, Part I) 949
Ordnance District, Rochester (Key to Arms Production, Part I) 950
Ordnance Districts 779
Ordnance Endowment (Association Affairs) 404, 578
Ordnance Endowment Brochure ..... *Facing* 404
Ordnance Endowment Honor Roll, The ..... *Facing* 972
Ordnance Engineering Advisory Committees 36
Ordnance Engineering and Research (Ordnance Committees) 36
Ordnance Establishments (Chart) ..... *Facing* 364
Ordnance Establishments (Organization for Production, II) 362

Ordnance Field Service 580, 777
Ordnance Gage Expenditures, 1925-1941 (Gages for Guns) 204
Ordnance Heavy Tank (Supertanks) 736, 737
Ordnance in My Time 927
Ordnance in Review 74, 235, 405, 579, 767, 976
Ordnance in the Field 966
Ordnance in the New Army 32
Ordnance Insignia, Development of (Professional Digest) 241
Ordnance Inspection Personnel (These Also Bring Victory) 951
Ordnance Inspectors (Arsenal Craftsmen) 366
Ordnance Leaders (Officer Training) 935
Ordnance Maintenance and Supply, Field Units for 32
Ordnance Maintenance Battalion (Professional Digest) 411
Ordnance, 1923-1938, Appropriations for (Ordnance on the March) 195
Ordnance Officer, Duties of the Division (Ammunition at the Front) 199
Ordnance on the March 193
Ordnance Operation and Maintenance (Lubrication) 393
Ordnance Personnel 238, 408, 586
Ordnance Procurement Districts (Key to Arms Production, Part I) 945
Ordnance Production Contracts (Armament Progress) 61
Ordnance Production, Interchangeability of Parts in (Gages for Guns) 203
Ordnance, Production of (Editorial) 68
Ordnance Production Organization (Chart) 948
Ordnance Replacement Training Center (Ordnance Training) 565
Ordnance Research Advisory Committees 43
Ordnance Research and Advisory Committees (Armament Engineering) 33
Ordnance Reserve 77
Ordnance School (Officer Training) 565, 935
Ordnance Sergeant, The (Editorial) 763
Ordnance Service, Organization of the Corps (Ordnance in the Field) 969
Ordnance Shop, Fort Ord, Calif. 580
Ordnance Song, Army (Editorial) 68
Ordnance System of Decentralized Operation (Organization for Production, II) 362
Ordnance, The Procurement of (From the Record) 80
Ordnance Training 565
Ordnance Training Center (Ordnance Personnel) 586
Ordnance Training Center (Ordnance Reserve) 79
Ordnance Unit Training Center (Ordnance Training) 565
Ordnance Units (Tactical Organization of the Army) *Chart facing* 32
Ordnance, U. S. Army, Chiefs of 971
Organization for Production, II 362
Organization of Our New Divisions (The Fighting Unit) 753
Organization of the Army, Tactical (Chart) ..... *Facing* 32
Our Heavy Tank (Pictorial) 728
Our New Medium Tank 27
Overseas Garrisons (From the Record) 587
Paints, Varnishes, and Related Products, Committee on 45
Parts in Ordnance Production, Interchangeability of (Gages for Guns) 203
Patterson, Robert P. (Price Stabilization) 587
Patterson, Robert P. (World Leader in Gun Making) .. 359
Patterson, Robert P., on War Production 776
Percussion Revolvers, Colt (Professional Digest) 772
Personnel Carriers and Scout Cars (Half-Tracks for Mobility) 213
Personnel, Ordnance 238, 408, 586
Personnel, Ordnance Inspection (These Also Bring Victory) 951
Personnel, Training Civilian (Arsenal Craftsmen) 366
Petroleum Products and Lubricants, Committee on 45
Philadelphia Ordnance District (Key to Arms Production, Part I) 949
Philadelphia Post (Association Affairs) 71
Philippines, The (Railway Artillery) 46
Photographic Airplane, Beechcraft F-2 (Pictorial) 380
Picatinny Arsenal (These Also Bring Victory) 951
Pittsburgh Post (Association Affairs) 72, 766
Planned Munitions, II 65
Planning Branch, Office, Under Secretary of War (Industrial Mobilization) 729
Planning, Industrial-Mobilization 729
Plant, New Sheffield Corporation (Pictorial) 210
Plant, Pratt & Whitney (Pictorial) 211
Plant Protection, Industrial (Blackouts) 756
Plant, Taft-Peirce Manufacturing Company (Pictorial) 212
Plastics (Professional Digest) 412
Political Activities (Ordnance Personnel) 409
Ponton Bridge (Pictorial) 562, 563
Portable Flame Thrower (Chemical Defense) 744
Powder, Smokeless 559
Power, Modern Air (From the Record) 775
Pratt & Whitney Plant (Pictorial) 211
Price Stabilization (From the Record) 587
Private Industry (Armament Progress) 61
Procurement Districts at Work, Ordnance (Key to Arms Production, Part I) 945
Procurement of Ordnance, The (From the Record) 80
Production Analysis, Defense (Editorial) 575
Production, Armament 540
Production, Arms (Ordnance on the March) 193
Production Contracts, Ordnance (Armament Progress) 61
Production Control, Graphic 547
Production, Defense (Editorial) 67
Production Division, OPM 25
Production-Facilities Program (Ordnance on the March) 196
Production, Interchangeability of Parts in Ordnance (Gages for Guns) 203
Production, Key to Arms (Part I) 945
Production, 1940-1941, Aircraft (New Wings for the Army) 373
Production of Weapons, Development and (Ordnance) 537
Production Organization, Ordnance (Chart) 948
Production, Shell 572
Production, The Battle of 25
Production, II, Organization for 362
Production, War (From the Record) 776
Professional Digest 240, 410, 582, 769
Program of June 30, 1940, Munitions (Planned Munitions, II) 66
Program, Production-Facilities (Ordnance on the March) 196
Program, The Second Phase of the Current Armament (Planned Munitions, II) 65
Progress, Armament 61, 221, 389
Projector, Livens (Chemical Defense) 740

Promotions, Reserve Officer (Ordnance Reserve) 77
Promotions, Temporary (Ordnance Personnel) 409
Propellants, Small-Arms and Cannon 559
Protection against War Chemicals (Chart) ..... *Facing* 744
Protection, Industrial Plant (Blackouts) 756
Protective Concealment 759
Protective Planting and Landscaping (Protective Concealment) 761
Proving Ground, Jefferson (Professional Digest) 242
Provisional Antitank Battalions (Ordnance Personnel) 239
Pursuit Airplane, Bell P-39 (Pictorial) 374, 375
Pursuit Airplane, Curtiss P-40 (Pictorial) 373, 374
Quantity Manufacture, Motion Pictures Aid (Shell Production) 572
Quartermaster Corps (Army Motor Transport) 731
Railway Artillery 46
Reappointment of Reserve Officers (Ordnance Reserve) 77
Reappointments in Officers' Reserve Corps (Ordnance Personnel) 409
Recoil Oil Specifications (Lubrication) 398
Record, From the 80, 587, 775
Regular Army, 1940 (Editorial) 230
Reinstatement of Reserve Commissions (Ordnance Personnel) 408
Reorganization, Army 939
Reorganization of Horse Cavalry Headquarters and Service Troops (Professional Digest) 412
Replacement Training Center, Ordnance (Ordnance Training) 565
Report of Gen. George C. Marshall, 1941, Biennial (Editorial) 230
Republic XP-47B Interceptor Airplane (Pictorial) 375
Research Advisory Committees, Ordnance 43
Research and Advisory Committees, The Ordnance (Armament Engineering) 33
Research and Development (Chemistry in Warfare) 738
Research and Development, Office of Scientific (Armament Research) 972
Research, Armament (Editorial) 972
Research Committee, Ballistic 45
Research, Ordnance Engineering and (Ordnance Committees) 36
Reserve Commissions, Reinstatement of (Ordnance Personnel) 408
Reserve Corps, Enlisted (Ordnance Reserve) 78
Reserve Corps, Reappointments in Officers' (Ordnance Personnel) 409
Reserve Officer Promotions (Ordnance Reserve) 77
Reserve Officers, Reappointment of (Ordnance Reserve) 77
Reserve, Ordnance 77
Revolvers, Colt Percussion (Professional Digest) 772
Rice Gold Medal, The Brig. Gen. John H. (Hartford-Springfield Post) 577
Rice Medal, The (Army Ordnance Medalists, 1941) 30
Rifle, A New Light 225
Rifle, Auto-Ordnance (A New Light Rifle) 226
Rifle, Harrington & Richardson (A New Light Rifle) 226
Rifle, Hyde (A New Light Rifle) 226
Rifle, Light (The New Semiautomatic Carbine) 570
Rifle, Savage (A New Light Rifle) 226
Rifle, Springfield (A New Light Rifle) 226
Rifle, Woodhull (A New Light Rifle) 226
Rifles, Caliber .30 Light (Pictorial) 226
Right to Bear Arms, The (Editorial) 400
Ripley Machine Gun, 1861, The (Ordnance in Review) 977
Rivets in Tanks (Professional Digest) 410
Robinson & Cottam Gun (Ordnance in Review) 237
Rochester District Ordnance Display Room (Ordnance Districts) 781
Rochester Ordnance District (Key to Arms Production, Part I) 959
Rochester Ordnance District Gage Laboratory (Ordnance Districts) 779
Rochester Post (Association Affairs) 71
Rock Island Arsenal (Arsenal Craftsmen) 366
Rubber Conservation (Professional Digest) 774
S.A.E. Ordnance Advisory Committee 45
Saginaw Steering Gear Division, G.M.C. (Industry at Arms) 54
St. Louis Post (Association Affairs) 70, 766
Savage Rifle (A New Light Rifle) 226
Scholarship Awards (Association Affairs) 233
School, Ordnance (Ordnance Training) 565
Scott Gold Medal (Twenty-Second Annual Meeting) 403
Scott Medal, The (Army Ordnance Medalists, 1941) 30
Scout Car, M1, The First Fully Armored (The Modern Scout Car) 59
Scout Car, M3 (The Modern Scout Car) 60
Scout Car, M3A1 (Lubrication) 394
Scout Car, M3A1, The New (The Modern Scout Car) 57
Scout Car, The Modern 57
Scout Cars and Personnel Carriers (Half-Tracks for Mobility) 213
Screen, Smoke (Chemical Defense) 741
Screens, Smoke (Protective Concealment) 761
Seacoast Defense (Railway Artillery) 46
Sea Power, Must It Win? 746
Self-Propelled Gun Mounts (Ordnance) 537
Self-Propelled Gun Mounts (Professional Digest) 410
Semiautomatic Carbine (A New Light Rifle) 225
Semiautomatic Carbine, The New 570
Sentinel (Pictorial) 536
Sergeant, The Ordnance (Editorial) 763
Service and Maintenance of Military Tires (Professional Digest) 769
Service, Organization of the Corps Ordnance (Ordnance in the Field) 969
Services of Supply (Army Reorganization) 939
75-mm. Ammunition, Fuzes for (Artillery Fuzes) 961
75-mm. Antitank Gun (Pictorial) 750
Sheffield Corporation, New Plant of (Pictorial) 210
Shell Production 572
Shelters, Bombproof (Professional Digest) 242
Ships, Aircraft, and Ordnance (Armament Production) 540
Ships, Production of (Editorial) 67
Shop, Fort Ord, Calif., Ordnance 580
Simonds, Alvan T. (Necrology) 404
Ski Troops (Pictorial) 208
Small-Arms Ammunition 369
Small-Arms Matériel, Ordnance Committees on 42
Smoke Candle, Irritant (Chemical Defense) 741
Smoke Screen (Chemical Defense) 741
Smoke Screens (Protective Concealment) 761
Smokeless Powder 559
Sneeze Gas (Chemical Defense) 741
Somers, Brig. Gen. R. H. (Industrial Combat Teams) 587
Song, Army Ordnance (Editorial) 68
Sparkman, Congressman John J. (Washington Post) 73

Special Orders, Abbreviated (Professional Digest) 773
Special-Weapons Troop, Horse Cavalry (Professional Digest) 412
Springfield Rifle (A New Light Rifle) 226
Sprouls, G. M. (Service and Maintenance of Military Tires) 769
Square Infantry Division, Fighting Equipment of 229
Staff, War Department General (Army Reorganization) 939
Stanford University (Scholarship Awards) 233
Steels for Guns (World Leader in Gun Making) 359
Stimson, Secretary of War Henry L. (The Procurement of Ordnance) 81
Stimson, Secretary of War Henry L., on Modern Air Power 775
Stone, Whitney (New York Ordnance Coördinators) .. 973
Strength of the Army (Editorial) 231
Strength of the Army, 1939-1941 (Ordnance on the March) 194
Strikes, Defense (Editorial) 69
Subcontracting (Editorial) 401
Subcontracts (Editorial) 763
Supertanks 735
Supply and Maintenance (Editorial) 762
Supply and Maintenance, Armament (Chart) ... *Facing* 32
Supply Contracts (Editorial) 762
Supply Depot (Pictorial) 564
Supply in the Division, Ammunition (Ammunition at the Front) 199
Supply, Maintenance and (Ordnance in the Field) 966
Supply, Motor-Transport (Army Motor Transport) 734
Supply, Priorities, and Allocations Board, The (Editorial) 574
Supply, Services of (Army Reorganization) 939
Supply, The Field Units for Ordnance Maintenance and 32
Supply to Troops in the Field (Ammunition at the Front) 198
Swamp Buggy (Pictorial) 749
Tactical Organization of the Army (Chart) ..... *Facing* 32
Taft-Peirce Manufacturing Company Plant (Pictorial) . 212
Tank Arsenal, Chrysler (Industry at Arms) 49
Tank Arsenal, The Detroit 545
Tank Destroyer (Half-Tracks for Mobility) 214
Tank Ferry (Pictorial) 206
Tank, Medium 25
Tank, Medium (The Detroit Tank Arsenal) 545
Tank, M3, Medium (Pictorial) 24, 28, 29, 49, 561
Tank, Ordnance Heavy (Supertanks) 735
Tank, Our Heavy (Pictorial) 728
Tank, Our New Medium 27
Tank Program, Cast Steel (Ordnance) 539
Tank Rivets (Professional Digest) 410
Tank, The New Heavy (Editorial) 574
Tanks (Ordnance) 537
Tanks in Libya, American (Ordnance Field Service) .. 777
Tanks, Light 568
Tanks, Production of (Editorial) 68
Teams, Combat (The Fighting Unit) 754
Teams, Industrial Combat (From the Record) 587
Temporary Promotions (Ordnance Personnel) 409
Terrel Machine Cannon, 1856 (Ordnance in Review) .. 976
These Also Bring Victory 951
37-mm. Ammunition, Fuzes for (Artillery Fuzes) 961
37-mm. Antitank Gun (Pictorial) 207, 750
Tires, Service and Maintenance of Military (Professional Digest) 769
Tomkins, Frederick (New York Ordnance Coördinators) 973
Tools, Machine (Editorial) 67
Tracer Bullet, Caliber .50M1 (Small-Arms Ammunition) 370
Training Center, Ordnance (Ordnance Personnel) 586
Training Center, Ordnance (Ordnance Reserve) 79
Training Center, Ordnance Replacement (Ordnance Training) 565
Training Center, Ordnance Unit (Ordnance Training) 565
Training Civilian Personnel (Arsenal Craftsmen) 366
Training, Officer 935
Training, Ordnance 565
Transport, Army Motor 731
Transport Vehicles, Army (Pictorial) 732
Triangular Infantry Division, Fighting Equipment of the 229
Troops in the Field, Supply to (Ammunition at the Front) 198
Troops, Ski (Pictorial) 208
Tuechter, August H. (Association Affairs) 233
Twenty-Second Annual Meeting (Association Affairs) . 403
240-mm. Howitzer (Pictorial) 749
Unit, The Fighting 753
Unit Training Center, Ordnance (Ordnance Training) 565
University of Michigan Post (Association Affairs) 974
Vandenburgh Gun (Ordnance in Review) 236
Varnishes, and Related Products, Committee on Paints, 45
Vehicles, Army's Principal Transport (Pictorial) 732
Vehicles, Development and Maintenance of Military (Army Motor Transport) 731
Velocities of Bullets, Recording (Professional Digest) .. 242
Victory, For (Editorial) 576
Victory, These Also Bring 951
Visual Guides in Armament Manufacture (Graphic Production Control) 547
Walsh, Col. James L. (Army Ordnance Medalists, 1941) 30, 403
War Department Contract Distribution Division (Editorial) 400
War Department Decentralization (Planned Munitions, II) 65
War Department General Staff (Army Reorganization) 939
War Production (From the Record) 776
Warfare, Chemistry in 738
Warfare, Irregular 381
Washington Post (Association Affairs) 73
Watertown Arsenal (World Leader in Gun Making) .. 359
Watertown Arsenal, 125th Anniversary of (Editorial) .. 401
Watson, R. H. (New York Ordnance Coördinators) ... 973
Weapons Depend on Gages (Pictorial and Descriptive) 205
Weapons, Development and Production of (Ordnance) 537
Weapons, New Field (Pictorial and Descriptive) 745
Weapons, New Mobile (Pictorial and Descriptive) 749
Weible, Maj. W. L. (Washington Post) 73
Wesson, Maj. Gen. C. M. (Editorial) 970
Wesson, Maj. Gen. C. M. (Industry at Arms) 53
Wesson, Maj. Gen. C. M., Address of (Rochester Post) . 71
Wesson, Maj. Gen. C. M., Address of (St. Louis Post) . 70
Wilhelm, Lieut. Col. Glenn Perrin (Necrology) 234
Winged Cannon (Pictorial) 358
Wings for the Army, New 373
Woodhull Rifle (A New Light Rifle) 226
World Leader in Gun Making 359

INDEX OF AUTHORS

Aurand, Lieut. Col. Henry S., "Planned Munitions, II" 65
Barker, Col. Maurice E., "Chemistry in Warfare" 738
Barnes, Brig. Gen. G. M., "Armament Engineering" 33
Barnes, Brig. Gen. G. M., "Supertanks" 735
Bicknell, Edwin F., "Defense Inventions" 582
Biggers, John D., "The Battle of Production" 25
Bowlin, Lieut. Col. Roy L., "Shell Production" 572
Bricker, Lieut. Col. L. Monroe, "Ordnance in the Field" 966
Case, Brig. Gen. R. W., "World Leader in Gun Making" 359
Christmas, Lieut. Col. J. K., "Our New Medium Tank" 27
Crain, Brig. Gen. J. K., "Ammunition at the Front" 198
Goddard, Lieut. Col. Calvin, "An Industrial Armory" 74
Goddard, Lieut. Col. Calvin, "The Machine Gun—Its Early Applications, Part I" 235
Goddard, Lieut. Col. Calvin, "The Machine Gun—Its Early Applications, Part II" 405
Goddard, Lieut. Col. Calvin, "The Machine Gun—Its Early Applications, Part III" 579
Goddard, Lieut. Col. Calvin, "The Machine Gun—Its Early Applications, Part IV" 767
Goddard, Lieut. Col. Calvin, "The Machine Gun—A Period of Evolution, Part I" 976
Gregory, Maj. Gen. Edmund B., "Army Motor Transport" 731
Hagood, Maj. Gen. Johnson, "Railway Artillery" 46
Hambleton, Lieut. Col. Harry B., "Gages for Guns" 203
Hardy, Charles J., "Light Tanks" 568
Harrison, William H., "Armament Production" 540
Hatcher, Brig. Gen. Julian S., "Ordnance Training" 565
Hiller, Charles, Jr., "The Modern Scout Car" 57
Hurd, Charles, "Key to Arms Production" (Part I) 945
Keller, K. T., "The Detroit Tank Arsenal" 545
Kirk, Col. James, "Small-Arms Ammunition" 369
Macauley, Alvan, "The Motor Industry and Defense" 557
Marsh, Lieut. Col. Henry N., "Smokeless Powder" 559
Martin, Maj. Daniel J., "The 40-mm. Antiaircraft Cannon" 386
McHugh, Fred D., "Blackouts" 756
McInerney, Maj. J. E. B., "Half-Tracks for Mobility" 213
Mooney, James D., "Graphic Production Control" 547
Nealey, J. B., "Artillery Fuzes" 961
Nickerson, Hoffman, "Irregular Warfare" 381
Nickerson, Hoffman, "Must Sea Power Win?" 746
Outland, Col. George W., "Officer Training" 935
Patterson, Robert P., "Industrial Mobilization" 729
Patterson, Robert P., "Ordnance on the March" 193
Peters, Lieut. Robert E., "The Ordnance Shop, Fort Ord, Calif." 580
Phillips, Lieut. Col. Thomas R., "Air Power and Coast Defense" 217
Ramsey, Brig. Gen. N. F., "Arsenal Craftsmen" 366
Reilly, Brig. Gen. Henry J., "The Fighting Unit" 753
Rodyenko, Maj. Peter, "Protective Concealment" 759
Schoenbaum, Capt. George H., "Lubrication" 393
Studler, Lieut. Col. René R., "A New Light Rifle" 225
Studler, Col. René R., "The New Combat Helmet" 931
Studler, Lieut. Col. René R., "The New Semiautomatic Carbine" 570
Trainer, J. E., "Antiaircraft Gun Carriages" 542
Waitt, Lieut. Col. Alden W., "Chemical Defense" 740
Wesson, Maj. Gen. C. M., "Ordnance" 537
Wesson, Maj. Gen. C. M., "Ordnance in My Time" 927
Wilkins, Lieut. Col. H. S., "These Also Bring Victory" 951